

8/83

58428-1



WASHINGTON TRAFFIC SAFETY COMMISSION

1000 South Cherry St.
Olympia, Washington 98504
(206) 753-6197

A REVIEW OF TRAFFIC COLLISIONS IN WASHINGTON - 1982

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WASHINGTON 1982
A RECAP OF TRAFFIC COLLISIONS

CATEGORY	1982	CHANGE FROM 1981
PERSONS KILLED	757	-13.2%
DEATH RATE PER 100 MILLION MILES	2.49	-13.2%
FATAL COLLISIONS	679	-14.1%
PERSONS INJURED	54,789	-10.3%
TOTAL REPORTED COLLISIONS	100,644	-10.1%
ESTIMATED ECONOMIC LOSS	\$495,000,000	- 5.7%
MILES TRAVELLED (IN MILLIONS)	30,353.0	- *
LICENSED DRIVERS	2,774,212	+ 1.5%
REGISTERED VEHICLES	3,313,348	- 2.8%
POPULATION	4,264,000	+ 0.4%

*LESS THAN ½ OF 1%

HIGHLIGHTS FOR 1982

DRINKING DRIVER COLLISIONS

DWI Drivers Involved in Total Collisions	10,379	-10.6%
Ratio - DWI Per 100 Involved	9.0	1981 = 9.0
DWI Drivers Involved in Fatal Collision	333	- 8.5%
Ratio - DWI Drivers Per 100	36.5	1981 = 34.3
Had Been Drinking (In Total Collisions)	19,577	-15.7%
Ratio - HBD Drivers Per 100	16.9	1981 = 18.2
Had Been Drinking (In Fatal Collisions)	423	-16.4%
Ratio - HBD Drivers Per 100	46.4	1981 = 47.6

HIGHLIGHTS FOR 1982

<u>COLLISIONS BY LOCATION</u>	<u>1982</u>	<u>CHANGE FROM 1981</u>
Interstate & Other Full Control - All	9,735	+ 2.1%
Interstate & Other Full Control - Fatal	86	-21.1%
Other State Routes - All Collisions	20,886	-12.8%
Other State Routes - Fatal Collisions	247	-12.1%
County Roads - All Collisions	22,911	-11.5%
County Roads - Fatal Collisions	215	-15.4%
City Streets - All Collisions	46,405	-10.6%
City Streets - Fatal Collisions	116	-12.1%

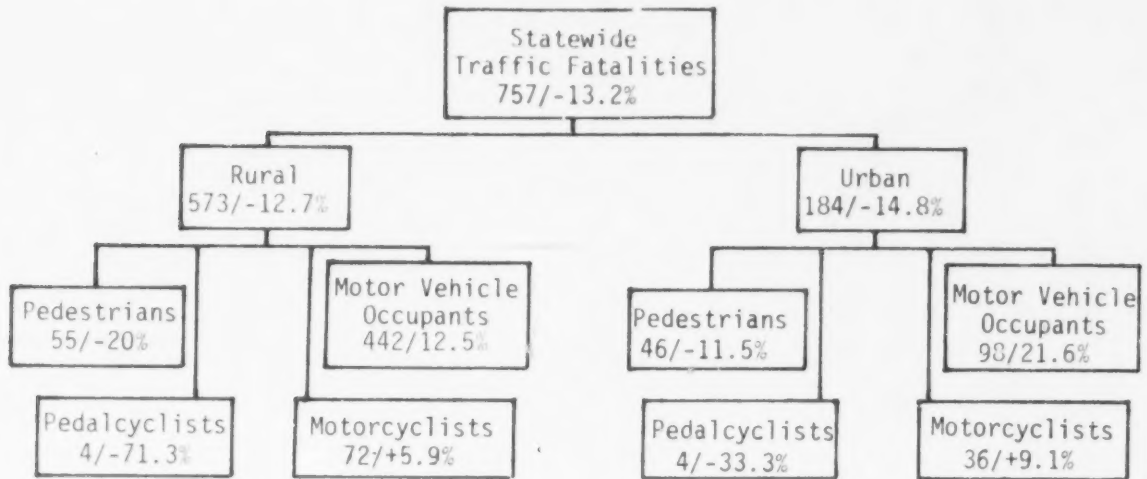
COLLISIONS BY TYPE

Collisions With Other Motor Vehicles - All	72,553	-10.8%
Collisions With Other Motor Vehicles - Fatal	247	-14.8%
One Car (Fixed Object-Overtuned, Etc.) - All	24,265	- 9.7%
One Car (Fixed Object-Overtuned, Etc.) - Fatal	326	- 7.1%
Collision With Pedestrian - All Collisions	1,618	- 0.5%
Collision With Pedestrian - Fatal Collisions	94	-13.8%
Collision With Pedalcyclist - All Collisions	1,056	- 2.5%
Collision With Pedalcyclist - Fatal Collisions	8	-60.0%
All Others (RR Train, Animal)-All Collisions	1,152	+ 3.3%
All Others (RR Train, Animal)-Fatal Collisions	4	-66.7%

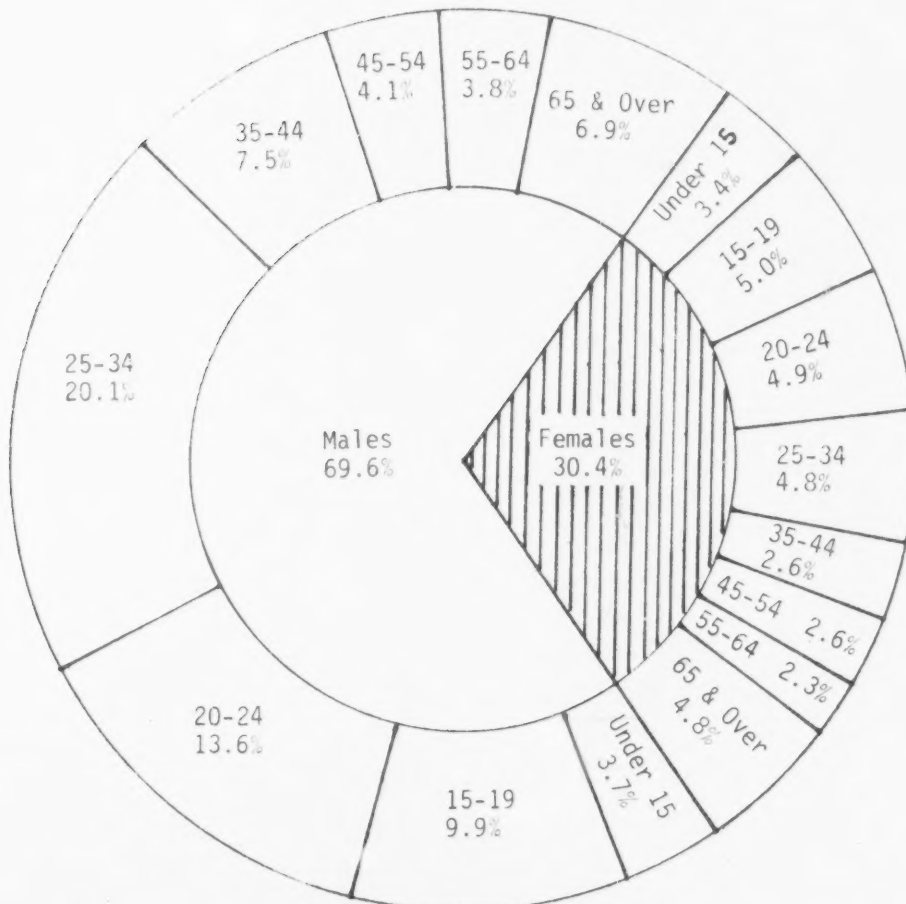
COLLISIONS BY TYPE OF VEHICLE

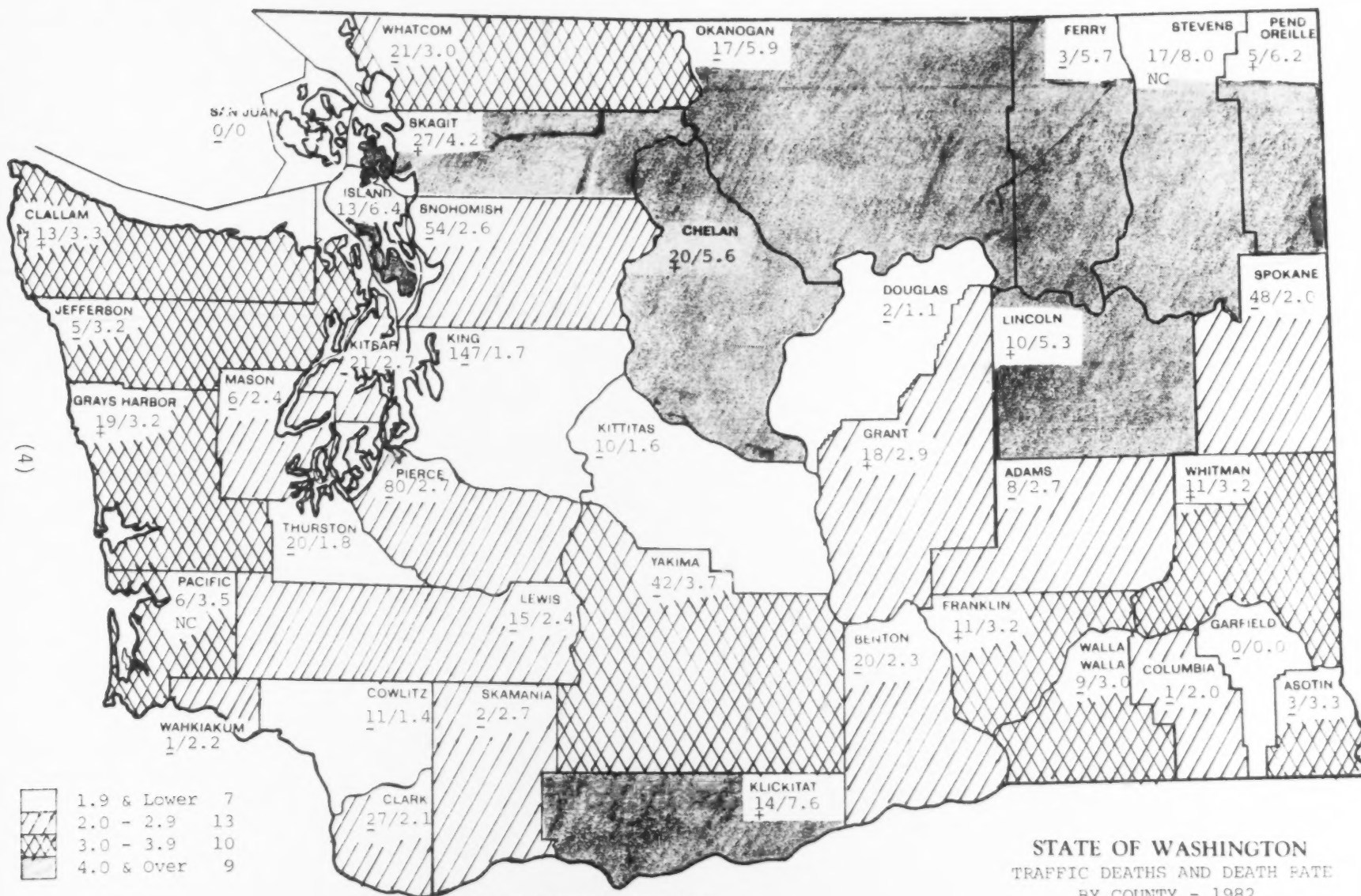
Passenger Cars Involved in All Collisions	129,544	-11.4%
Passenger Cars Involved in Fatal Collisions	586	-20.8%
Lightweight Trucks Involved in All Collisions	34,538	- 6.7%
Lightweight Trucks Involved in Fatal Collisions	221	+ 8.3%
Heavy Trucks (Over 10,000) in All Collisions	5,822	- 4.9%
Heavy Trucks (Over 10,000) in Fatal Collisions	63	-35.1%
Motorcycles Involved in All Collisions	3,424	- 9.8%
Motorcycles Involved in Fatal Collisions	104	- 1.9%

TRAFFIC FATALITIES
In 1982 and
Percent of Change from 1981



TRAFFIC FATALITIES BY AGE & SEX
1982





TRAFFIC DEATHS/DEATH RATE
757/2.5

- = Less Than 1981
+ = More Than 1981

STATE OF WASHINGTON
TRAFFIC DEATHS AND DEATH RATE
BY COUNTY - 1982
STATEWIDE DEATH RATE 2.5

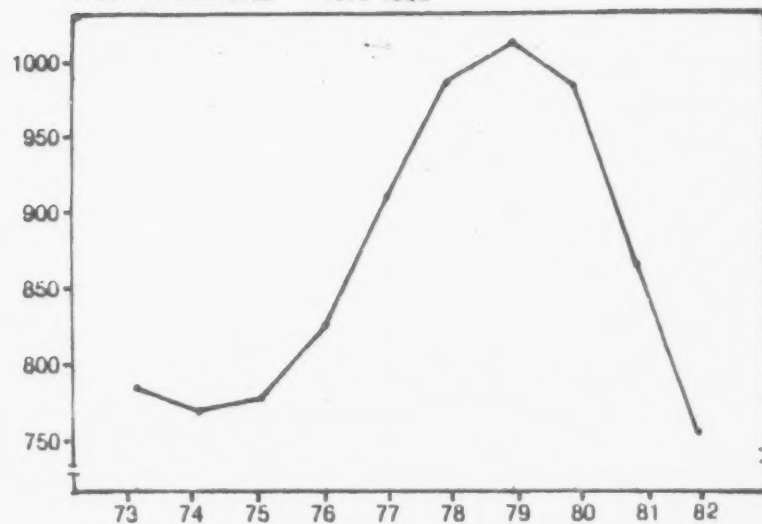
Traffic Safety Statistics
1969 - 1982

<u>Year</u>	<u>Licensed Drivers</u>	<u>Population</u>	<u>Vehicle Registration</u>	<u>Veh. Mil. (Millions)</u>	<u>Traffic Collisions</u>	<u>Traffic Injuries</u>	<u>Traffic Deaths</u>	<u>Traffic Fatality Rate*</u>
1969	1,833,232	3,397,000	2,151,691	19,957.0	103,160	47,354	834	4.18
1970	1,919,980	3,413,250	2,156,510	20,675.8	97,486	53,465	875	4.23
1971	1,965,962	3,430,100	2,231,958	21,860.0	98,956	55,099	876	4.01
1972	2,011,893	3,418,800	2,315,310	22,363.0	101,002	55,454	855	3.82
1973	2,113,460	3,424,300	2,453,830	23,457.0	105,515	58,039	776	3.31
1974	2,122,131	3,448,100	2,545,975	22,585.0	106,242	57,716	761	3.37
1975	2,176,505	3,493,990	2,640,944	24,023.0	120,635	64,145	771	3.21
1976	2,324,697	3,571,591	2,785,500	25,932.0	120,864	66,309	825	3.18
1977	2,339,215	3,661,975	2,952,383	27,449.0	119,058**	71,356	927	3.38
1978	2,485,248	3,774,300	3,042,265	29,378.0	116,923	64,669	1,006	3.42
1979	2,579,368	3,911,200	3,186,898	29,122.0	118,686	65,399	1,034	3.55
1980	2,662,659	4,109,853	3,293,065	28,696.0	113,751	61,532	985	3.43
1981	2,732,722	4,248,100	3,408,871	30,346.0	111,993	61,083	872	2.87
1982	2,774,212	4,264,000	3,313,348	30,353.0	100,644	54,789	757	2.49

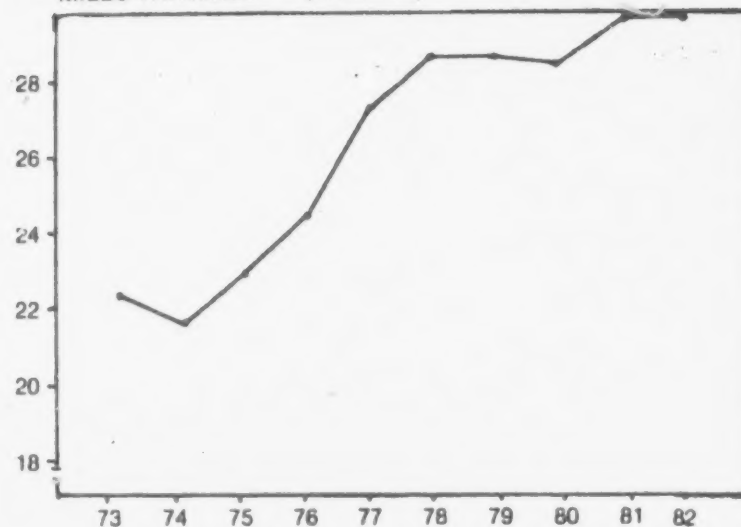
*Traffic deaths per 100 million vehicle miles of travel

**Minimum damage for a reportable collision was increased from \$100 to \$300 to the property of one person on 7/1/77

TRAFFIC DEATHS 1973-1982

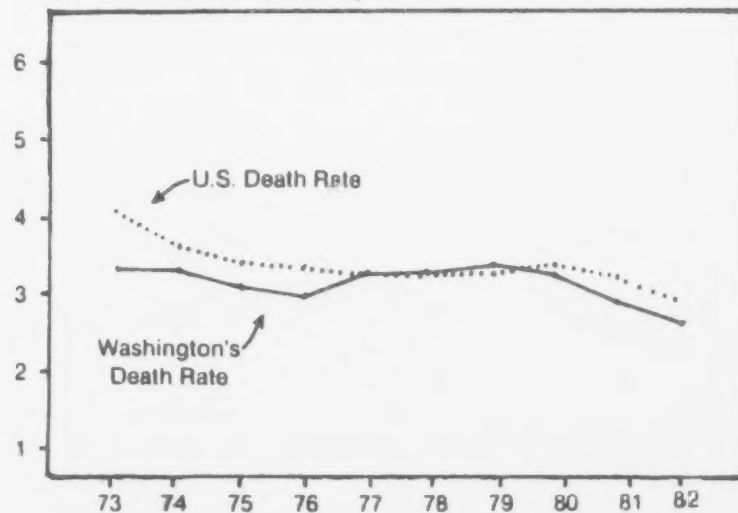


MILES TRAVELED (in billions)

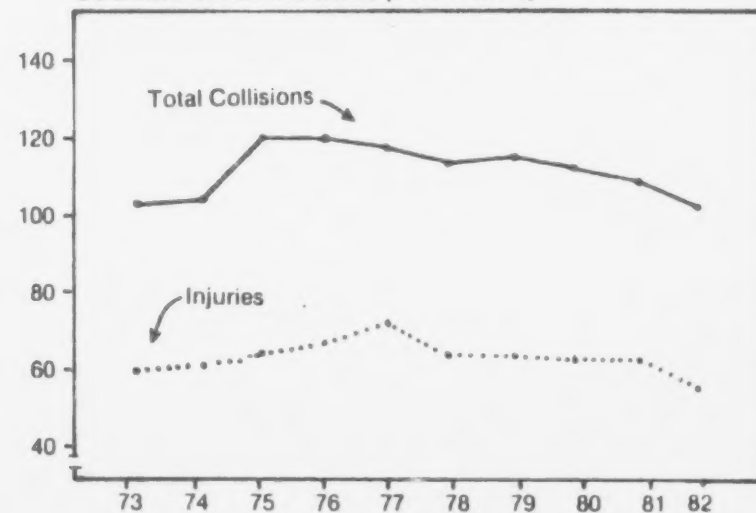


(9)

DEATH RATE
(per 100 million vehicle miles)



TOTAL REPORTED MOTOR VEHICLE TRAFFIC
COLLISION AND INJURIES (in thousands)



SUMMARY OF MOTOR VEHICLE TRAFFIC ACCIDENTS

ANNUAL REPORT 1982

FOR THE STATE OF WASHINGTON

ANNUAL REPORT 1982

SUMMARY REPORT

DATE RUN 03/03/83

	INCORPORATED AREAS 2,500 POP. AND OVER	OTHER AREAS UNDER 2,500 POP. AND UNINCORPORATED AREAS	STATEWIDE TOTALS
TOTAL NUMBER OF ACCIDENTS	58,671	41,973	100,644
TOTAL NUMBER OF DRIVERS	105,344	55,583	170,927
TOTAL NUMBER OF VEHICLES	114,004	57,776	181,780
NUMBER OF FATAL ACCIDENTS	169	510	679
NUMBER OF INJURY ACCIDENTS	20,369	17,421	37,790
NUMBER OF PROPERTY DAMAGE ACCIDENTS	36,133	24,042	62,175
NUMBER OF PERSONS KILLED	164	573	737
NUMBER OF DISABLING INJURY	3,491	4,785	8,276
NUMBER OF NON-DISABLING INJURY	11,134	11,204	22,340
NUMBER OF POSSIBLE INJURY	14,168	13,305	24,173
TOTAL NUMBER OF PERSON INJURED	28,795	25,994	54,789
NO. OF ACCIDENTS INV. BY WSP	4,025	22,903	26,928
NO. OF ACC. INV. BY OTHER LAW ENFORC.	37,434	12,500	51,939
TOTAL NO. OF INVESTIGATED ACCIDENTS	43,464	35,403	78,867
PERCENT OF ACCIDENTS INVESTIGATED	74.1 %	84.3 %	78.4 %
TOTAL NO. OF DRIVERS-INVESTIGATED ACCS.	75,860	53,986	129,866
TOTAL NO. OF VEHICLES-INVESTIGATED ACCS.	83,328	55,815	139,144
NO. OF ARRESTS INV. ACCIDENTS	26,925	27,142	47,107

(7)

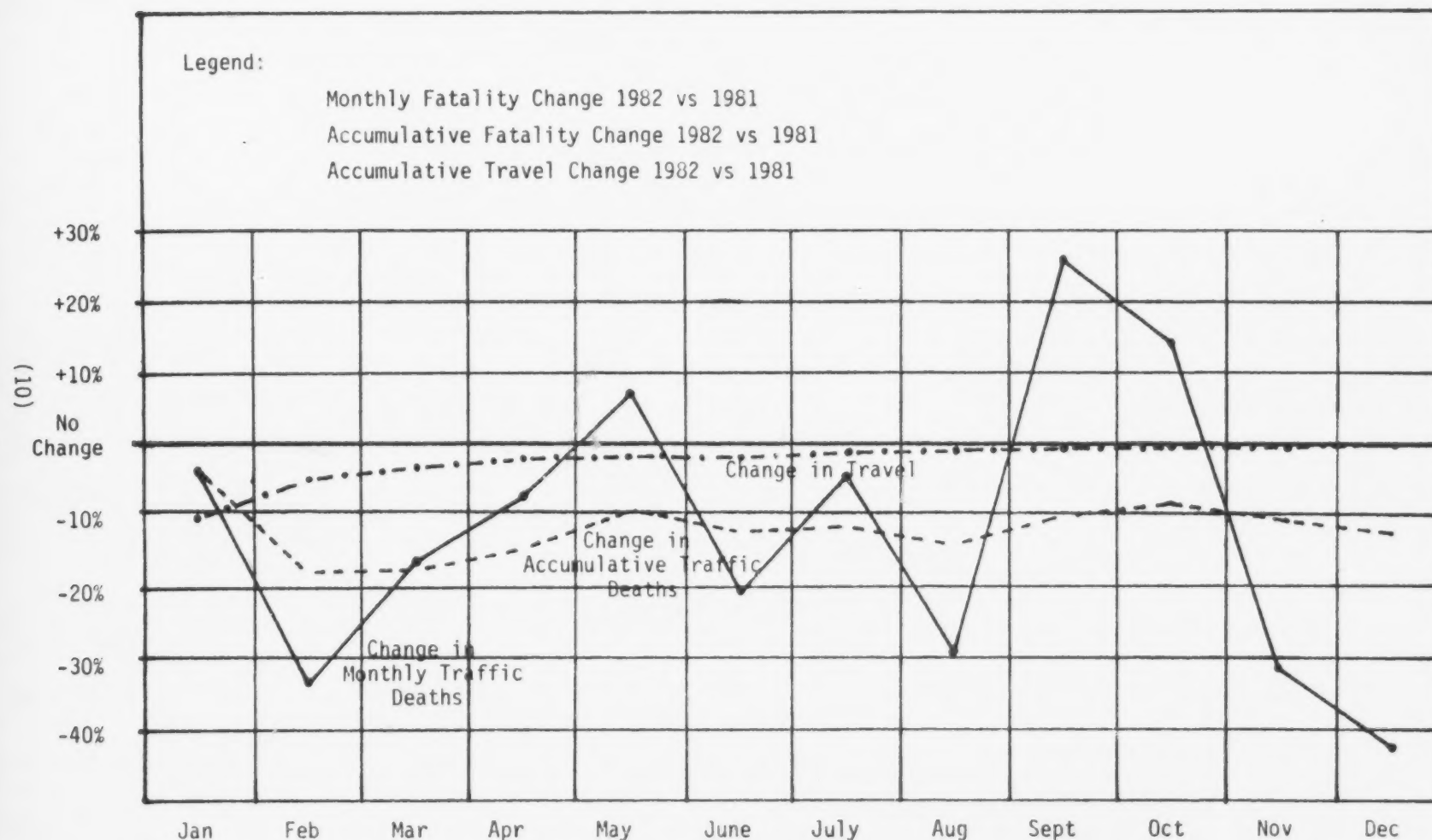
SUMMARY OF MOTOR VEHICLE ACCIDENTS
FOR THE STATE OF WASHINGTON
ANNUAL REPORT 1982

440	MONTH	TOTAL ACCIDENTS	FATAL ACC	INJ ACC	P.D. ACC	NO. KILLED	NO. INJ
	JANUARY	9,352	43	2,789	6,520	52	3,961
	FEBRUARY	7,422	34	2,647	4,741	36	3,746
	MARCH	7,574	46	2,817	4,716	54	4,028
	APRIL	7,767	57	3,015	4,695	61	4,345
	MAY	7,714	67	2,994	4,553	73	4,443
	JUNE	7,644	66	3,094	4,404	75	4,550
	JULY	8,147	72	3,379	4,696	76	4,979
	AUGUST	7,774	72	3,265	4,442	75	4,669
(8)	SEPTEMBER	8,335	80	3,370	4,885	92	4,960
	OCTOBER	9,705	55	3,584	6,066	66	5,022
	NOVEMBER	9,207	50	3,300	5,857	55	4,737
	DECEMBER	10,293	47	3,536	5,720	42	5,127
		100,644	679	37,790	62,175	757	54,739

COMPARISON OF TRAFFIC DEATHS IN WASHINGTON IN 1981-1982
BY MONTH, ACCUMULATED TOTALS AND PREVIOUS THREE YEAR AVERAGE ('79-'81)

Month	1982		1981		Percent of Change 1982 to 1981		Previous 3 Yr. Average		1981 to Previous 3 Yr. Average	
	Month	Year To Date	Month	Year To Date	Month	Year To Date	Month	Year To Date	Month	Year To Date
January	52	52	54	54	- 3.7%	- 3.7%	67	67	-22.4%	-22.4%
February	36	88	54	108	-33.3%	-18.5%	62	129	-41.9%	-32.0%
March	54	142	65	173	-16.9%	-17.9%	72	201	-25.0%	-29.4%
April	61	203	66	239	- 7.6%	-15.1%	75	275	-18.7%	-26.2%
May	73	276	68	307	+ 7.4%	-10.1%	82	358	-11.0%	-22.9%
(6) June	75	351	94	401	-20.2%	-12.5%	90	448	-16.7%	-21.7%
July	76	427	80	481	- 5.0%	-11.2%	105	553	-27.8%	-22.8%
August	75	502	107	588	-29.9%	-14.6%	102	655	-26.5%	-23.4%
September	92	594	73	661	+26.0%	-10.1%	76	731	+21.1%	-18.7%
October	66	660	59	720	+11.9%	- 8.3%	77	808	-13.0%	-18.2%
November	55	715	80	800	-31.3%	-10.6%	80	888	-31.3%	-19.4%
December	42	757	72	872	-41.7%	-13.2%	76	964	-44.7%	-21.4%

PERCENTAGE CHANGE OF TRAFFIC DEATHS AND TRAVEL BY MONTH - 1982 vs 1981



Travel Source: WA State Dept. of Transportation
 Fatal Source: WA State Patrol
 Prepared By: WA Traffic Safety Commission
 February 17, 1983

STATEWIDE ACCIDENT CONTRIBUTING CIRCUMSTANCES - BY COUNTY

TOP TEN DRIVER VIOLATIONS (INVESTIGATED ACCIDENTS ONLY)

FOR THE PERIOD 01/01 - 12/31, 1942

PREPARED BY MEDICAL SECTION N. S. P.

COUNTY	PISTON	SPEED SAFE	INATTN	DRUNK DRIVER	FUL. TUD CLOSE	DISK SIGN OR SIG.	IMP. TURN	DEF. EQUIP.	SPEED LEGAL	OVER CENTER	TOTAL TOP TEN	ALL OTHERS
ADAMS	37	95	23	29	13	18	7	12	10	1	245	51
ASHTON	60	25	31	40	23	18	12	21	18	5	225	14
BENTON	475	314	216	204	309	179	102	103	74	35	2,096	161
CHRYSLER	232	231	113	126	100	70	52	62	44	31	1,061	94
CLALLAM	188	214	94	133	61	42	45	51	32	23	893	50
CLATSOP	670	494	335	379	247	172	106	151	90	52	2,736	204
COLUMBIA	11	25	8	9	7	1	1	5	2	3	72	9
CUMMINGS	297	209	198	169	133	122	65	115	66	35	1,469	94
DUGLAS	43	71	25	38	32	20	13	21	15	5	263	25
EMERY	1	39	23	23	1	4	5	22	6	7	131	14
FRANKLIN	241	127	115	95	92	75	41	53	28	13	900	51
GAMBLE	4	19	4	2	0	0	0	9	2	3	43	11
GRANT	133	161	107	115	32	40	41	51	21	13	714	61
GRAYS HARBOR	269	314	171	164	99	80	75	115	77	23	1,431	135
ISLAND	130	133	40	116	49	13	14	23	33	15	341	41
JEFFERSON	40	115	34	36	11	4	10	24	10	13	305	24
KING	4,005	4,106	4,120	2,970	3,104	2,105	1,174	1,113	672	538	26,171	1,432
KITAP	604	646	307	501	266	185	104	154	158	74	2,499	203
KITITAS	70	434	96	76	41	35	22	61	37	11	403	50
Klickitat	14	73	26	51	8	4	7	22	7	15	229	34
LEWIS	204	267	126	127	72	47	49	77	35	22	1,326	99
LIJON	12	50	7	14	2	7	2	9	7	8	116	16
MAJES	91	154	52	110	40	19	14	37	33	24	564	63
OKANOGAN	60	161	61	81	25	11	13	52	19	21	504	43
PACIFIC	40	75	42	61	13	9	12	20	6	7	285	34
PINO DELLE	5	50	9	9	3	2	1	6	3	6	90	7
PIERCE	2,647	1,872	1,226	1,546	1,171	558	448	486	378	224	10,150	613
SAY JUAN	7	56	25	17	5	4	5	14	16	5	134	8
SNOBIT	323	314	147	244	113	65	37	103	68	37	1,450	127
SKAMANIA	6	49	18	30	6	1	1	21	5	13	150	21
SNOHOMISH	1,393	1,466	695	975	664	410	236	310	296	208	8,655	400
SPokane	853	977	525	559	304	348	170	123	168	120	4,307	262
STEVENS	41	176	22	57	18	14	7	49	18	29	431	40
THURSTON	546	513	242	415	267	123	95	162	96	36	2,537	155
WALATUM	5	21	1	15	1	1	1	4	1	3	53	11
WALLA W. A	217	133	101	97	70	61	44	36	39	19	517	60
WATACON	434	400	236	212	166	126	81	110	59	54	1,908	159
WHELAN	64	151	76	65	41	20	17	33	18	37	529	57
YAKIMA	881	566	406	457	291	271	159	145	130	69	3,374	233
STATEWIDE	16,182	15,376	10,167	10,445	7,925	5,795	3,294	4,104	3,007	1,657	60,190	5,263

(11)

MOTOR VEHICLE COLLISIONS BY AGE OF DRIVER

TYPE OF COLLISION
(FIRST HARMFUL EVENT)

FOR THE PERIOD - 01/01 - 12/31, 1962

STATEWIDE

SINGLE VEHICLE COLLISION	AGE OF DRIVER														OVER 74	TOTAL
	UNDER 16	16	17-18	19-20	21-22	23-24	25-24	30-34	35-39	40-44	45-54	55-64	65-74			
HEAD-ON	8	55	160	144	142	112	223	145	103	86	88	60	22	5	1,333	
HEAD INTO DITCH OR BANK	22	155	363	334	324	235	501	397	250	168	224	146	70	31	3,224	
STRUCK TREE OR STUMP	24	106	228	198	176	100	214	163	117	54	98	65	38	11	1,592	
STRUCK POLE OR POST	46	172	523	466	421	336	617	435	253	123	219	140	40	35	3,920	
STRUCK GUARDRAIL, ETC.	13	53	233	273	260	263	475	392	278	177	236	146	77	27	2,963	
STRUCK OTHER FIXED OBJ.	44	170	472	459	365	307	590	406	290	160	213	210	82	47	3,819	
STRUCK OTHER OBJECT	1	8	20	23	25	10	45	43	24	23	32	16	10	6	297	
OVERTURNED	44	184	477	532	438	401	744	534	361	248	260	181	58	15	4,492	
VEHICLE-PEDESTRIAN	3	29	93	120	86	92	215	160	121	96	121	114	76	49	1,361	
VEHICLE-RAILWAY TRAIN	0	1	3	5	10	7	18	17	5	5	16	12	6	3	112	
VEHICLE-BICYCLIST	3	28	88	56	66	48	127	101	103	65	100	94	38	31	930	
VEHICLE-ANIMAL	5	8	56	73	71	60	150	171	122	72	103	96	45	6	1,030	
NOT COLLISION	6	15	62	71	81	58	157	98	121	73	108	81	24	5	960	
TOTAL SINGLE VEH. COLL'S.	217	995	2,758	2,740	2,467	2,035	4,077	3,066	2,152	1,408	1,824	1,349	634	271	25,543	
TOTAL SINGLE VEH. COLL'S AGE NOT STATED				2,561												

MULTIPLE VEHICLE COLLISION

HEAD-ON	7	40	136	131	130	114	241	210	130	106	157	105	36	26	1,627
HEAD-END	70	302	2,799	2,886	2,726	2,473	5,373	4,700	3,626	2,382	3,524	2,721	1,380	447	36,614
STUCK-UP	31	187	765	822	795	695	1,677	1,339	1,113	783	1,189	944	520	224	11,134
ADJACENT DIRECTION	117	871	2,918	2,701	2,531	2,210	5,107	4,062	3,071	2,100	3,210	2,894	1,929	1,109	34,846
ENTER/LEAVE PARKED POS.	5	55	142	148	130	140	297	251	194	132	237	231	146	95	2,211
ENTER/LEAVE DRIVEWAY	50	436	1,403	1,361	1,200	1,051	2,414	2,000	1,497	934	1,526	1,309	823	434	16,441
STRUCK PARALLEL VEHICLE	51	228	531	513	458	338	711	533	345	213	349	261	192	105	4,410
SAME DIRECTION BROADSIDE	11	82	316	372	374	308	765	637	485	331	456	340	162	44	4,658
OPPOSITE DIR. BROADSIDE	6	51	167	195	169	177	351	311	248	162	250	171	50	19	2,547
1 LEFT/1 STRAIGHT OPP. DIR.	23	285	764	814	730	653	1,310	1,132	757	550	808	761	534	317	7,522
OTHER MULT. VEH. COLLISIONS	0	0	0	3	0	1	0	2	0	0	1	0	0	0	7
TOTAL MULTIPLE VEH. COLL'S	379	3,032	9,446	9,446	9,242	8,165	18,819	15,125	11,506	7,758	11,715	9,707	5,815	2,880	24,225
TOTAL MULTIPLE VEH. COLL'S AGE NOT STATED				18,148											

TOTAL COLLISIONS	596	4,032	12,704	12,686	11,709	10,200	22,921	18,221	13,658	9,166	13,539	11,136	6,449	3,151	50,216
TOTAL COLLISIONS AGE NOT STATED				20,709											

SUMMARY OF MOTOR VEHICLE ACCIDENTS BY AGE AND VIOLATION

FOR THE PERIOD 01/01 - 12/31/1992

PREPARED BY RECORDS SECTION W. S. P.

DRIVER AGE	DWI	SPEED LIMIT	SPEED LEGAL	DISK OR SIGN	SIG IMP LANE TRAVEL	FLYROW	FOL TOU CLOSE	OVER CENTER	DEF EQUIP	LAP PASS	OTHER CIRCULP	TOTAL
15 & UNDER	22	135	44	26	0	79	12	14	46	6	116	509
16	172	679	181	170	0	628	244	62	165	55	485	2,792
17	224	841	241	255	0	753	301	105	250	38	595	3,725
18	414	954	270	312	0	345	467	95	314	95	711	4,462
19	474	836	224	271	0	644	401	107	266	101	634	4,013
20	464	732	206	242	0	604	347	77	220	75	581	3,521
21	601	711	175	249	0	611	343	73	194	34	573	3,615
22	537	544	151	216	0	560	321	60	175	64	517	3,236
23	474	537	134	182	0	508	296	57	142	40	438	2,828
24	422	506	106	173	0	462	266	54	141	38	434	2,627
25	424	510	77	164	0	470	277	62	135	47	372	2,644
26	337	441	40	158	0	476	246	60	135	53	425	2,471
27	331	456	54	138	0	418	253	55	108	37	372	2,232
28	326	367	57	127	0	413	247	40	113	38	313	2,041
29	334	352	52	118	0	375	205	44	46	31	320	1,423
30 THRU 34	1,373	1,507	214	525	0	1,747	614	185	391	160	1,373	6,325
35 THRU 39	677	1,104	45	394	0	1,317	613	133	306	110	544	5,444
40 THRU 44	527	576	35	265	0	577	364	74	174	70	517	3,050
45 THRU 49	433	450	45	210	0	713	267	69	126	41	490	2,542
50 THRU 54	373	418	31	193	0	715	264	45	114	43	400	2,040
55 THRU 59	201	265	28	215	0	767	240	50	47	50	443	2,514
60 THRU 64	235	248	17	219	0	772	147	27	79	30	440	2,244
65 THRU 69	117	140	4	170	0	714	152	20	44	30	322	1,740
70 THRU 74	61	124	6	165	0	650	129	21	38	14	265	1,453
75 & OVER	37	104	10	217	0	1,034	117	34	44	17	346	2,315
NOT STATED	554	1,416	414	415	0	867	440	214	182	135	4,373	4,044
TOTAL	10,495	15,377	2,007	5,745	0	18,186	7,425	1,457	4,104	1,544	17,127	65,462

SUMMARY OF MOTOR VEHICLE TRAFFIC COLLISIONS

FOR THE PERIOD 01/01 - 12/31, 1982

PREPARED BY RECORDS SECTION, W. S. P.

STATE/IDE

INVESTIGATING AGENCY

COLLISION TOTALS

W. S. P.

SHERIFF

OTHER LAW
ENFORCEMENTNOT
INVESTIGATED

TOTAL

TOTAL	26,928	10,782	41,157	21,777	100,644
FATAL	505	26	145	0	679
INJURY	12,506	4,452	15,693	5,142	37,790
PROPERTY DAMAGE	13,917	6,304	25,319	16,635	62,175
FREWAY	6,710	136	834	2,050	9,735
RURAL-STATE ROUTE	9,039	696	621	1,704	12,660
COUNTY ROAD	9,611	9,250	393	3,657	22,911
OTHER ROUTES	968	703	39,309	14,366	55,338
SINGLE VEHICLE - ALL	12,265	3,797	5,573	1,478	23,113
SINGLE VEHICLE - FATAL	251	11	45	0	307
MULTIPLE VEHICLE - ALL	12,594	5,598	27,503	18,250	63,950
MULTIPLE VEHICLE - FATAL	169	10	49	0	227

ALL COLLISIONS - MAIN CAUSES

EXCEEDING LEGAL OR SAFE SPEED	10,709	2,703	4,966	* NA	18,384
FAILURE TO YIELD RIGHT OF WAY	3,015	2,153	12,417		18,186
DRIVING WHILE INTOXICATED	4,564	1,394	4,537		10,495
FALLING ASLEEP OR INATTENTION	2,735	1,615	7,244		11,597
FOLLOWING TOO CLOSE	2,572	846	4,487		7,905
DISREGARDING SIGNS OR SIGNALS	1,205	636	4,154		5,795

FATAL COLLISIONS - MAIN CAUSES

DRIVING WHILE INTOXICATED	267	10	59	* NA	336
EXCEEDING LEGAL OR SAFE SPEED	113	6	29		148
FAILURE TO YIELD RIGHT OF WAY	24	4	22		55
CROSSING OVER CENTER LINE	42	0	5		47
DISREGARDING SIGNS OR SIGNALS	21	2	12		35
FALLING ASLEEP OR INATTENTION	34	1	4		39

* DRIVER VIOLATIONS CAME FROM INVESTIGATED COLLISIONS ONLY

DRIVER AGE DISTRIBUTION - 1982

Age Group	Involved in Collisions				Licensed Drivers		Over/Under Representation Ratio	
	Total		Fatal				Drivers In:	
	Number	%	Number	%	Number	%	Total	Fatal
Under 16	596	0.40	6	0.64				
16	4,032	2.68	25	2.65	26,673	0.96	2.79:1	2.76:1
17 - 18	12,704	8.46	66	7.01	96,032	3.46	2.45:1	2.86:1
19 - 20	12,686	8.45	99	10.51	119,856	4.32	1.96:1	2.43:1
21 - 22	11,759	7.83	76	8.07	130,067	4.69	1.67:1	1.72:1
23 - 24	10,200	6.79	58	6.16	136,876	4.93	1.38:1	1.25:1
25 - 29	22,920	15.26	159	16.88	369,326	13.31	1.15:1	1.27:1
30 - 34	18,222	12.13	111	11.78	356,711	12.86	.94:1	.92:1
35 - 39	13,658	9.09	78	8.28	307,184	11.07	.82:1	.75:1
40 - 44	9,166	6.10	64	6.79	229,184	8.26	.73:1	.82:1
45 - 49	6,995	4.66	45	4.78	185,137	6.67	.67:1	.72:1
50 - 54	6,544	4.36	36	3.82	175,730	6.33	.69:1	.60:1
55 - 59	5,974	3.98	39	4.14	174,470	6.29	.63:1	.66:1
60 - 64	5,162	3.44	17	1.80	164,371	5.92	.58:1	.30:1
65 - 69	3,704	2.47	22	2.34	129,409	4.66	.53:1	.50:1
70 & Over	5,896	3.92	41	4.35	173,191	6.24	.66:1	.70:1
Male	105,848	65.7%	720	76.1	1,455,907	52.5	1.25:1	1.45:1
Female	55,247	34.3	226	23.9	1,318,305	47.5	.72:1	.50:1

SUMMARY OF PERSONS KILLED & INJURED IN ALCOHOL RELATED COLLISIONS 1981-1982

	Drivers Under the Influence			All Drivers Who Had Been Drinking (HBD) (Including DUI)			All Reported Collisions (Including HBD)	
	1981	1982	% of Change	1981	1982	% of Change	1982	% of Change
Persons Killed	389	366	- 4.2	516	442	-14.3	757	-13.2
Persons Injured	9,266	8,202	-11.5	17,268	14,491	-16.1	54,789	-13.3
Disabling Injury	2,078	1,795	-13.6	3,609	3,018	-16.4	8,276	- 9.3
Non-Disabling Injury	4,469	4,017	-10.1	8,330	7,035	-15.5	22,340	-13.2
Possible Injury	2,719	2,390	-12.1	5,329	4,438	-16.7	24,173	- 7.6
Property Damage Accidents	5,224	4,713	- 9.8	10,597	8,905	-16.0	62,175	-10.2
Total Reported Accidents	11,499	10,292	-10.5	22,173	18,669	-15.8	100,644	-10.1
Economic Loss		\$131,000,000	- 2.1		\$190,000,000	- 9.5	\$495,000,000	-10.1

(16)

Month	From Drivers "Under The Influence"				Drivers Who "Had Been Drinking"			
	Persons Killed		Persons Injured		Persons Killed		Persons Injured	
	1981	1982	1981	1982	1981	1982	1981	1982
January	25	23	773	586	29	28	1,363	1,101
February	24	21	682	625	31	23	1,277	1,090
March	26	24	754	677	34	29	1,318	1,118
April	31	34	754	714	40	37	1,411	1,215
May	32	38	775	745	47	44	1,492	1,352
June	33	32	728	664	54	44	1,497	1,202
July	41	43	791	804	48	51	1,488	1,516
August	56	41	869	721	76	46	1,716	1,312
September	34	44	741	734	43	59	1,381	1,252
October	29	36	820	729	40	41	1,441	1,231
November	31	18	744	518	42	26	1,379	1,004
December	27	12	835	685	32	14	1,505	1,098
Totals	389	366	9,266	8,202	516	442	17,268	14,491

DRIVERS INVOLVED IN INVESTIGATED COLLISIONS
1981/1982 AND PREVIOUS 3 YEAR AVERAGE

(17)

STATEWIDE

RURAL

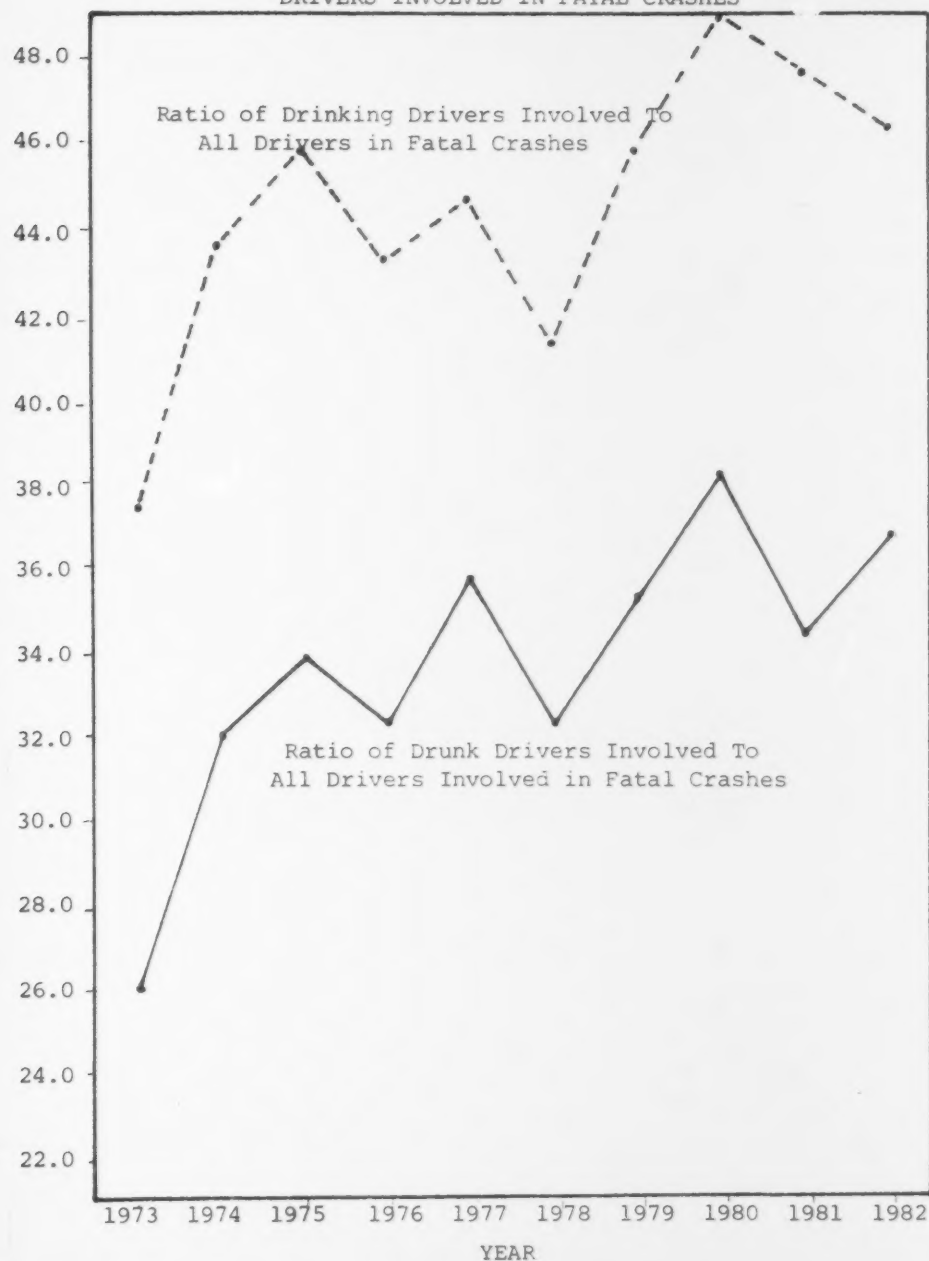
URBAN

Condition of Driver (Sobriety)	Fatal Collisions				
	1982	1981	Pre 3 Yr. Average	% of Change	
				82-81	82-3 Yr. Avg
Had been drinking ability impaired	333	364	409	- 8.5	-18.6
Had been drinking ability not impaired	39	74	71	-47.3	-45.1
Had been drinking sobriety unknown	51	68	88	-25.0	-42.0
Had not been drinking	489	556	603	-12.1	-18.9
Not stated	49	71	89	-31.0	-44.9
Total drivers	961	1,133	1,236	-15.2	-22.2
Total drivers drinking	423	506	545	-16.4	-22.4
Total drivers excluding not stated	912	1,062	1,147	-14.1	-20.5
No. drinking drivers/100 involved	46.4	47.6	47.5	- 2.5	- 2.3
No. of drunk drivers/100 involved	36.5	34.3	35.7	+ 6.4	+ 2.2
Had been drinking ability impaired	265	291	312	- 8.9	-15.1
Had been drinking ability not impaired	28	57	52	-50.9	-46.2
Had been drinking sobriety unknown	36	46	44	-21.7	-18.2
Had not been drinking	362	406	444	-10.8	-18.5
Not stated	21	33	41	-36.4	-48.8
Total drivers	712	833	892	-14.5	-20.2
Total drivers drinking	329	394	408	-16.5	-19.4
Total drivers excluding not stated	691	800	852	-13.6	-18.9
No. drinking drivers/100 involved	47.6	49.3	47.9	- 3.4	- 0.6
No. of drunk drivers/100 involved	38.4	36.4	36.6	+ 5.5	+ 4.9
Had been drinking ability impaired	68	73	97	- 6.8	-29.9
Had been drinking ability not impaired	11	17	19	-35.3	-42.1
Had been drinking sobriety unknown	15	22	20	-31.8	-25.0
Had not been drinking	127	150	159	-15.3	-20.1
Not stated	28	38	48	-26.3	-41.7
Total drivers	249	300	344	-17.0	-27.6
Total drivers drinking	94	112	136	-16.1	-30.9
Total drivers excluding not stated	221	262	296	-15.6	-25.3
No. drinking drivers/100 involved	42.5	42.7	45.9	- 0.5	- 7.4
No. of drunk drivers/100 involved	30.8	27.9	32.8	+10.4	- 6.1

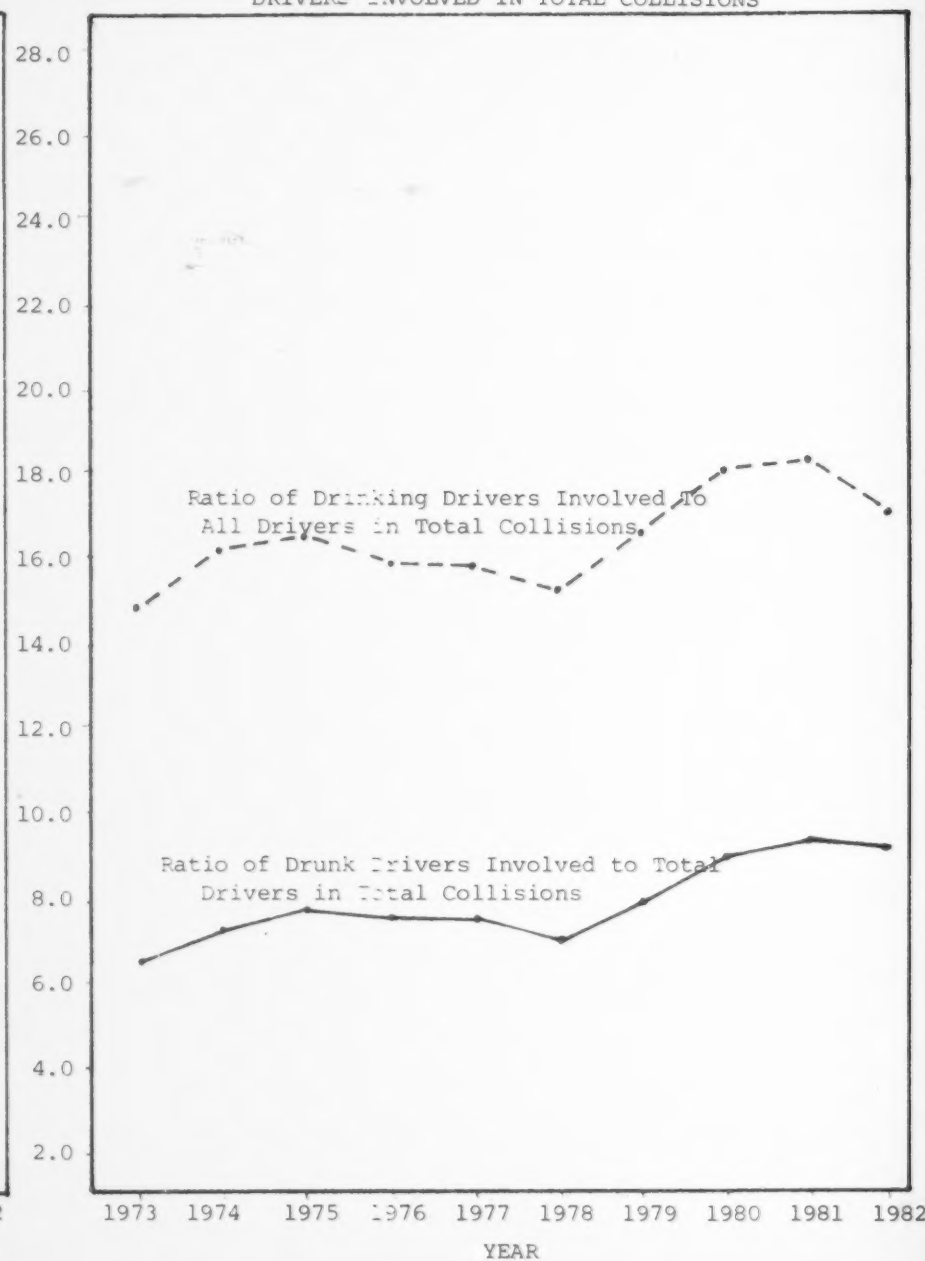
All Investigated Collisions				
		Pre 3 Yr. Average	% of Change	
1982	1981		82-81	82-3 Yr. Avg
10,379	11,609	11,147	-10.6	- 6.9
4,049	4,871	5,167	-16.9	-21.6
5,148	6,748	6,742	-23.7	-23.6
96,133	104,483	107,378	- 8.0	-10.5
14,157	16,063	16,058	-11.9	-11.8
129,866	143,774	146,392	- 9.7	-11.3
19,576	23,228	23,056	-15.7	-15.1
115,709	127,711	130,334	- 9.4	-11.2
16.9	18.2	17.7	- 7.1	- 4.5
9.0	9.1	8.6	- 1.1	+ 4.7
5,548	6,324	6,103	-12.3	- 9.1
1,960	2,395	2,434	-18.2	-19.5
2,706	3,633	3,696	-25.5	-26.8
39,771	42,650	43,464	- 6.8	- 8.5
4,001	4,409	4,553	- 9.3	-12.1
53,986	59,411	60,251	- 9.1	-10.4
10,214	12,352	12,233	-17.3	-16.5
49,985	55,002	55,698	- 9.1	-10.3
20.4	22.5	22.0	- 9.3	- 7.3
11.1	11.5	11.0	- 3.5	+ 0.9
4,831	5,285	5,044	- 8.6	- 4.2
2,089	2,476	2,633	-15.6	-20.7
2,442	3,115	3,046	-21.6	-19.8
56,362	61,833	63,914	- 8.8	-11.8
11,156	11,654	11,505	- 4.3	- 3.0
75,880	84,363	86,142	-10.1	-11.9
9,362	10,876	10,723	-13.9	-12.7
65,724	72,709	74,637	- 9.6	-11.9
14.2	15.0	14.4	- 5.3	- 1.4
7.4	7.3	6.8	+ 1.4	+ 8.8

RATIO OF DRINKING AND DRUNK DRIVERS INVOLVED IN TRAFFIC COLLISIONS
1973 - 1982

DRIVERS INVOLVED IN FATAL CRASHES



DRIVERS INVOLVED IN TOTAL COLLISIONS



Comparison of Miles Traveled
All Reported Accidents & Alcohol Involved Accidents
By Age of Driver - 1982

<u>Driver Age</u>	<u>Percent of Vehicle Miles Traveled*</u>	<u>Percent of All Accident Drivers**</u>	<u>Over/Under Representation Ratio</u>	<u>Percent of All Alcohol Involved Accidents</u>	<u>Over/Under Representation Ratio</u>
16-17	1.95	6.5	3.33:1	4.2	2.15:1
18	1.97	4.6	2.34:1	4.6	2.34:1
19	2.31	4.4	1.90:1	5.2	2.25:1
20	2.74	4.0	1.46:1	5.1	1.36:1
21	2.31	4.1	1.77:1	6.4	2.77:1
22-24	8.38	10.6	1.26:1	15.1	1.80:1
25-34	27.40	27.5	1.00:1	32.2	1.18:1
35-44	19.48	15.3	.79:1	13.8	.71:1
45-54	17.53	9.0	.51:1	7.1	.41:1
55-64	10.73	7.4	.69:1	4.2	.39:1
65 & Over	5.10	6.4	1.25:1	2.1	.41:1

* Source - National Accident Sampling System (NASS) - 1979-1980

** Source - Accident Records Unit - Washington State Patrol

TOXICOLOGIST RESULTS OF DRIVERS KILLED IN FATAL COLLISIONS

1979-1980-1981-1982

Age	Negative Result				Results Less Than .10				Results .10 & Over				Average Test Results			
	1979	1980	1981	1982	1979	1980	1981	1982	1979	1980	1981	1982	1979	1980	1981	1982
16	8	3	8	5	6	1	0	0	6	6	0	1	.14	.12	0	.20
17	4	7	2	4	1	3	2	2	9	8	3	2	.16	.16	.11	.13
18	7	6	7	7	3	7	3	1	17	9	8	7	.16	.13	.08	.16
19	7	5	2	6	8	3	2	0	6	6	10	9	.11	.12	.07	.20
20	7	4	3	4	5	2	1	1	5	9	8	10	.13	.15	.16	.17
21	6	5	4	3	4	3	3	0	11	15	11	10	.16	.16	.14	.19
22	4	3	1	7	3	4	2	2	12	11	10	7	.15	.16	.19	.17
23	3	4	4	1	3	2	1	0	9	6	10	5	.14	.16	.20	.17
24	4	5	5	4	2	1	2	2	6	10	11	6	.15	.16	.17	.17
25	6	1	4	4	2	1	1	1	10	6	7	5	.15	.19	.19	.17
26	5	3	4	1	3	2	2	1	15	8	9	9	.16	.19	.17	.18
27	4	1	4	1	1	2	1	0	16	8	5	6	.18	.16	.18	.21
28	2	2	5	5	2	1	1	1	12	11	8	15	.17	.20	.17	.22
29	6	1	2	1	2	0	0	0	11	6	5	5	.17	.19	.21	.17
30	5	2	5	7	1	1	2	2	12	6	8	2	.19	.20	.16	.14
31	1	2	3	1	0	0	2	0	5	5	6	8	.21	.22	.13	.23
32	6	3	4	0	2	0	0	0	6	9	6	1	.14	.21	.18	.31
33	1	2	3	2	1	1	2	0	5	5	7	3	.16	.17	.17	.17
34	1	3	3	1	0	0	0	0	4	6	3	7	.17	.23	.17	.18
35	3	1	5	3	0	0	0	1	6	2	1	2	.25	.19	.28	.16
36	3	1	3	1	0	1	0	0	3	4	0	3	.23	.17	--	.16
37	1	2	3	3	1	0	1	0	4	7	5	1	.17	.20	.14	.25
38	1	0	3	0	1	0	0	1	1	2	4	1	.07	.21	.18	.11
39	4	2	0	1	1	0	0	0	3	4	3	5	.16	.23	.19	.20
40	4	0	3	1	1	0	0	1	2	0	3	4	.20	--	.19	.14
41-45	4	10	8	6	0	0	1	1	9	16	15	16	.18	.21	.17	.17
46-50	6	8	7	1	2	2	1	3	8	5	9	8	.23	.17	.20	.18
51-55	7	2	4	8	0	2	1	1	6	6	9	7	.20	.17	.18	.20
56-60	7	6	9	6	1	2	0	1	4	9	4	5	.19	.19	.24	.21
61-65	3	3	5	3	0	1	0	0	4	4	1	2	.19	.22	.23	.21
66 & Over	16	10	12	15	1	1	1	0	4	4	3	2	.14	.15	.16	.14
TOTAL	146	107	140	112	56	44	34	21	231	213	192	174	.17	.18	.17	.18
Percent of Tested Drivers	33.7	29.4	37.4	36.4	12.9	12.1	9.1	6.8	53.3	58.5	51.3	56.5				
Change - 1982 from Previous 3 years			-14.5					-53.3				-17.9				+.01

(20)

COMPARISON OF ALCOHOL RELATED COLLISIONS BY MOTOR VEHICLE TRAVEL
BY COUNTY - 1982

County	Collisions	% of Total	Percent of Motor Veh. Travel	Over/ Under Ratio	Alcohol Related Collisions By Roadway Class			
					Cities	State Routes	County Roads	Other
Adams	57	0.31	0.99	.31:1	20	28	9	0
Asotin	66	0.35	0.30	1.17:1	37	10	19	0
Benton	479	2.57	2.84	.90:1	310	67	101	1
Chelan	215	1.15	1.17	.84:1	94	48	69	4
Clallam	244	1.31	1.31	1:00:1	105	80	53	6
Clark	734	3.93	4.33	.91:1	251	138	344	1
Columbia	14	0.07	0.16	.44:1	2	5	5	2
Cowlitz	354	1.90	2.56	.74:1	207	65	81	1
Douglas	62	0.33	0.58	.57:1	14	28	20	0
Ferry	54	0.29	0.17	1.71:1	1	25	26	2
Franklin	169	0.91	1.15	.79:1	132	8	29	0
Garfield	6	0.03	0.14	.21:1	0	3	3	0
Grant	192	1.03	2.02	.51:1	91	50	51	0
Grays Harbor	377	2.02	1.98	1.02:1	192	100	80	5
Island	186	1.00	0.67	1.49:1	21	46	118	1
Jefferson	75	0.40	0.51	.78:1	20	25	28	2
King	5,374	28.79	29.01	.99:1	3,507	658	1,195	14
Kitsap	838	4.49	2.59	1.73:1	299	161	373	5
Kittitas	145	0.78	2.02	.29:1	37	77	27	4
Klickitat	76	0.41	0.60	.68:1	11	44	21	0
Lewis	239	1.28	2.05	.62:1	94	72	68	5
Lincoln	23	0.12	0.62	.19:1	2	17	4	0
Mason	181	0.97	0.82	1.18:1	34	76	68	3
Okanogan	157	0.84	0.62	1.35:1	39	52	61	5
Pacific	107	0.57	0.56	1.02:1	35	50	20	2
Pend Oreille	33	0.18	0.27	.66:1	1	17	14	1
Pierce	2,608	13.97	9.77	1.43:1	1,303	480	817	8
San Juan	38	0.20	0.05	4.00:1	4	0	33	1
Skagit	401	2.15	2.13	1.01:1	141	135	123	2
Skamania	42	0.23	0.24	.96:1	4	22	8	8
Snohomish	1,735	9.29	6.87	1.35:1	736	334	657	8
Spokane	1,058	5.67	8.10	.70:1	512	219	324	3
Stevens	120	0.64	0.70	.91:1	17	56	42	5
Thurston	639	3.42	3.64	.94:1	269	82	286	2
Wahkiakum	23	0.12	0.15	.80:1	3	18	2	0
Walla Walla	172	0.92	0.83	1.11:1	100	28	44	0
Whatcom	449	2.41	2.29	1.05:1	200	80	165	4
Whitman	128	0.69	1.12	.43:1	50	41	37	0
Yakima	798	4.27	3.74	1.14:1	389	134	265	10
Totals	18,668				9,284	3,579	5,690	115

STATE OF WASHINGTON
1982
OCCUPANT RESTRAINT EFFECTIVENESS SUMMARY

	USAGE RATE									
	1982	%	1981	%	1980	%	1977	%	1975	%
Restraints Used	24,763	17.8	25,190	15.9	27,018	17.4	37,567	22.4	40,202	25.8
No Restraints Used	114,686	82.2	132,921	84.1	128,264	82.6	129,841	77.6	115,719	74.2
Total Occupants	139,449	100.0	158,111	100.0	155,282	100.0	167,408	100.0	155,921	100.0

TYPES OF RESTRAINTS USED BY SEVERITY OF INJURY - 1982

Type	Number Used		Deaths		Disabling Injury		Evident Injury		Possible Injury		No Injury	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
Lap Belt	11,101	8.0	18	3.7	193	3.8	858	5.5	1,224	7.6	8,808	8.6
Shoulder Belt	1,478	1.0	0	---	18	0.4	103	0.7	186	1.1	1,171	1.1
Lap & Shoulder Belt	11,503	8.3	16	3.3	225	4.4	803	5.2	1,481	9.1	8,978	8.8
Child Restraint	670	0.5	0	---	12	0.2	40	0.3	53	0.3	565	0.6
Air Bag (Activated)	45	*	0	---	1	*	5	*	2	*	37	*
No Restraints	114,611	82.2	453	93.0	4,629	91.2	13,734	88.3	13,299	81.9	82,496	80.9
Total Occupants	139,408	100.0	487	100.0	5,078	100.0	15,543	100.0	16,245	100.0	102,055	100.0

* Less than 1/10

COMPARISON OF RESTRAINT USAGE & NON USAGE
BY SEVERITY OF INJURY
1982

	Restraints Used		Restraints Not Used		Over/Under Ratio *
	Number	%	Number	%	
Deaths	34	0.1	453	0.4	4.00:1
Disabling Injuries	449	1.8	4,625	4.0	2.22:1
Evident Injuries	1,809	7.3	13,727	12.0	1.64:1
Possible Injuries	2,946	11.9	13,286	11.6	.97:1
No Injury	19,559	78.9	82,468	72.0	.91:1
TOTALS	24,797	100.0	114,559	100.0	

* An occupant who does not "buckle up" is four times as likely to be killed and twice as likely to be seriously injured as one who does "buckle up."

OCCUPANT RESTRAINT USAGE 1980-1981-1982
USAGE RATES BY SEX AND AGE GROUP

Occupant	Restraint Usage (%)		
	1980	1981	1982
Male Driver	19.3	17.4	19.1
Female Driver	19.9	18.2	20.0
Male Passenger	10.6	9.9	11.2
Female Passenger	13.5	12.6	15.3
Ages:			
0 - 5	24.0	26.1	32.2
6 - 15	9.7	9.6	11.5
16 - 19	12.0	11.7	11.5
20 - 24	14.8	13.4	14.3
25 - 34	19.4	17.5	19.6
35 - 64	22.3	20.3	22.2
65 & Up	18.0	19.5	18.3

1982 SEAT BELT USAGE BY OCCUPANT AGE

<u>Age</u>	<u>Lap Belt</u>	<u>Shoulder Belt</u>	<u>Lap & Shoulder Belt</u>	<u>Child Restraint</u>	<u>Total Restraints Used</u>		<u>No Restraints Used</u>	
					<u>Number</u>	<u>% of Total</u>	<u>Number</u>	<u>% of Total</u>
0 - 1	79	7	44	348	478	51.3%	453	48.7%
2	83	2	36	159	285	35.3%	522	64.7%
3	76	11	33	48	168	24.2%	527	75.8%
4	80	7	37	20	144	22.6%	493	77.4%
5	73	4	23	9	109	17.9%	499	82.1%
6	39	2	22	6	69	14.1%	420	85.9%
7	45	2	18	0	65	14.9%	372	85.1%
8	34	2	30	0	66	14.1%	403	85.9%
9	30	2	24	0	56	12.9%	377	87.1%
10	30	4	24	0	58	11.6%	441	88.4%
11	31	0	35	0	66	13.3%	429	86.7%
12	49	1	34	0	84	14.6%	493	85.4%
13	33	3	31	0	67	10.2%	589	89.8%
14	38	5	36	0	79	9.1%	792	90.9%
15	75	4	58	0	137	8.5%	1,471	91.5%
16	302	30	243	0	575	12.2%	4,154	87.8%
17	369	35	291	0	695	11.4%	5,410	88.6%
18	422	32	292	0	746	11.1%	5,967	88.9%
19	383	42	280	0	705	11.4%	5,469	88.6%
20	348	29	307	0	684	12.2%	4,904	87.8%
21 - 24	1,340	157	1,362	0	2,859	14.8%	16,415	85.2%
25 - 29	1,373	201	1,855	0	3,429	18.4%	15,210	81.6%
30 - 64	4,643	751	5,542	0	10,936	21.7%	39,374	78.3%
65 & Older	826	105	678	0	1,609	20.2%	6,372	79.8%
Unknown	145	27	141	54	367	12.9%	2,481	87.1%
TOTAL	10,951	1,465	11,476	644	24,536	17.7%	114,037	82.3%

(22a)

MOTORCYCLE COLLISIONS

1978 - 1982

	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>4-Year Average</u>	<u>1982</u>	<u>Change '82 4-Year Average</u>
Total Collisions	3,282	3,992	3,914	3,728	3,729	3,376	- 9.5%
Fatal Collisions	109	116	116	104	111	103	- 7.2%
* Fatal Collisions Ratio	33.2	29.1	29.6	27.9	30.4	32.8	+ 7.9%
Motorcycle Registration	106,103	129,641	135,899	139,931	127,894	131,667	+ 3.0%
** Total Collision Registration Rate	3.09	3.08	2.88	2.66	2.92	2.56	-12.3%
*** Fatal Registration Rate	1.027	.895	.854	.743	.868	.782	- 9.9%
Total Persons Killed	117	121	129	105	118	109	- 7.6%
Total Persons Injured	3,610	4,350	4,201	3,970	4,033	3,341	-17.2%
Motorcyclist Killed	114	119	120	101	114	108	- 5.3%
Motorcyclist Injured	3,363	4,055	3,919	3,701	3,760	3,289	-12.5%

* Fatal Collisions Per 1,000 Motorcycle Collisions

** Motorcycles Involved Per 100 Registered

*** Fatal Collisions Per 1,000 Motorcycles Registered

MOTORCYCLE COLLISIONS BY FIRST HARMFUL EVENT - 1982

<u>Type of Collision:</u>	<u>Number</u>	<u>% of Total Collisions</u>
Single Motorcycle Collisions:		
Struck Fixed Object	424	8.3%
Struck Other Object in Roadway	21	0.4%
Motorcycle Overturned	724	14.1%
Motorcycle - Pedestrian	33	0.6%
Motorcycle - RR Train	1	*
Motorcycle - Pedalcyclist	15	0.3%
Motorcycle - Animal	79	1.5%
Non-Collisions	39	0.8%
Total Single Motorcycle Collisions	1,336	26.0%
Multiple Vehicle Collisions:		
Head-on	59	1.1%
Rear-end	793	15.4%
Sideswipe	290	5.6%
Angular Direction	1,013	19.7%
Enter/Leaving Driveway	801	15.6%
One Left/One Straight - Opposite Direction	534	10.4%
Other Multiple Vehicle Collisions	317	6.2%
Total Multiple Vehicle Collisions	3,807	74.0%
TOTAL MOTORCYCLE COLLISIONS	5,143	100.0%

* Less Than 1/2 of 1 Percent

TOP TEN MOTORCYCLE VIOLATIONS - 1982 (Investigated Collisions Only)

	<u>Number</u>	<u>% of Total Violations</u>
1. Exceeding Reasonable Safe Speed	559	26.6%
2. Driving While Under the Influence	319	15.2%
3. Exceeding the Legal Speed Limit	220	10.5%
4. Inattention	187	8.9%
5. Following Too Closely	145	6.9%
6. Operating Defective Equipment	140	6.7%
7. Failure To Yield Right-of-Way	130	6.2%
8. Disregarding Traffic Control Signs/Signals	93	4.4%
9. Over Center Line	67	3.2%
10. Improper Turning	55	2.6%

PEDESTRIANS/VEHICLE COLLISIONS

Pedestrians Killed & Injured 1978-1982

	1978	1979	1980	1981	4 Year Average	1982	1982 to 4 Yr. Ave
<u>Statewide</u>							
Pedestrians Killed	101	126	108	121	114	94	-17.5%
Pedestrians Injured	1,756	1,851	1,906	1,696	1,802	1,598	-11.3%
<u>Urban</u>							
Pedestrians Killed	53	56	50	52	53	40	-24.5%
Pedestrians Injured	1,343	1,359	1,355	1,239	1,324	1,155	-12.8%
<u>Rural</u>							
Pedestrians Killed	48	70	58	69	61	54	-11.5%
Pedestrians Injured	413	492	551	460	479	443	- 7.5%

ACTIONS OF PEDESTRIANS KILLED & INJURED - 1982

URBAN AREAS	No. Killed	% of Total	Total Killed or Inj.	% of Total	Age 0-4	Age 5-14	Age 15-24	Age 25-64	Age 65 & Up	Not Stated
Crossing, entering roadway at intersection	20	50.0%	599	50.0%	16	111	107	203	106	56
Not at intersection	14	35.0%	378	31.5%	41	154	56	84	24	19
Walking with traffic	1	2.5%	20	1.7%	0	2	6	5	5	2
Walking against traffic	1	2.5%	15	1.3%	0	1	6	6	0	2
Standing or working in roadway	2	5.0%	49	4.1%	0	2	21	21	3	2
Playing in roadway	1	2.5%	24	2.0%	6	12	3	0	0	3
Lying in roadway	0	--	1	0.1%	0	0	0	1	0	0
Not in roadway	0	--	37	3.1%	2	6	10	15	3	1
Other & Not Stated	1	2.5%	75	6.2%	2	12	16	31	10	4
TOTAL	40	100.0%	1,198	100.0%	67	300	225	366	151	89
Percent of Total Killed or Injured					5.6%	25.0%	18.8%	30.6%	12.6%	7.4%

RURAL AREAS	No. Killed	% of Total	Total Killed or Inj.	% of Total	Age 0-4	Age 5-14	Age 15-24	Age 25-64	Age 65 & Up	Not Stated
Crossing, entering roadway at intersection	9	16.7%	103	20.7%	2	29	29	24	17	2
Not at intersection	17	31.5%	177	35.6%	13	77	34	36	9	8
Walking with traffic	6	11.1%	39	7.9%	0	3	13	21	1	1
Walking against traffic	4	7.4%	15	3.0%	0	2	7	5	1	0
Standing or working in roadway	5	9.2%	29	5.9%	0	1	11	15	2	0
Playing in roadway	2	3.7%	18	3.6%	2	14	2	0	0	0
Lying in roadway	4	7.4%	8	1.6%	0	0	4	4	0	0
Not in roadway	1	1.9%	27	5.4%	0	1	10	14	1	1
Other & Not Stated	6	11.1%	81	16.3%	0	13	31	31	4	2
TOTAL	54	100.0%	497	100.0%	17	140	141	150	35	14
Percent of Total Killed or Injured					3.4%	28.1%	28.4%	30.2%	7.1%	2.8%

COLLISION RATE* BY CITY POPULATION - 1982
(Does not include collisions on state limited access roads or freeways)

City	1982 Population	Traffic Deaths	Death Rate*	No. of Injuries	Injury Rate**	Total Collisions	Collision Rate**
<u>250,000 & Over</u>							
1. Seattle	492,000	30	6.1	7,602	15.45	15,826	32.16
<u>100,000 to 250,000</u>							
1. Spokane	171,700	18	10.5	2,631	15.32	4,669	27.19
2. Tacoma	160,100	16	10.0	3,146	19.65	5,296	33.07
<u>50,000 to 100,000</u>							
1. Bellevue	74,300	6	8.1	856	11.52	1,777	23.91
2. Everett	56,700	4	7.1	683	12.04	1,443	25.45
<u>25,000 to 50,000</u>							
1. Yakima	49,900	1	2.0	787	15.77	1,796	35.99
2. Bellingham	45,950	7	15.2	454	9.88	1,025	22.30
3. Vancouver	42,950	7	16.3	600	13.97	1,340	31.20
4. Bremerton	35,475	4	11.3	538	15.16	1,184	33.37
5. Kennewick	35,350	5	14.1	403	11.40	940	26.59
6. Richland	33,550	0	--	339	10.10	685	20.41
7. Renton	33,100	1	3.0	546	16.49	1,175	35.49
8. Longview	30,950	1	3.2	391	12.63	807	26.07
9. Auburn	28,950	3	10.4	323	11.15	633	21.86
10. Olympia	27,700	1	3.6	437	15.77	905	32.67
11. Edmonds	27,400	2	7.3	224	8.17	476	17.37
12. Walla Walla	25,800	5	19.5	248	9.68	532	20.78
13. Redmond	25,300	1	4.0	270	10.67	505	19.96
<u>15,000 to 25,000</u>							
1. Kent	23,775	1	4.2	602	25.32	987	41.51
2. Lynnwood	23,375	0	--	413	17.66	827	35.38
3. Pullman	23,250	0	--	79	3.39	247	10.62
4. Mercer Island	21,125	1	4.7	84	3.97	201	9.51
5. Kirkland	19,275	1	5.2	217	11.25	456	23.65
6. Pasco	19,050	1	5.2	262	13.75	628	32.96
7. Puyallup	18,575	1	5.4	222	11.95	468	25.19
8. Aberdeen	18,550	1	5.4	155	8.35	493	26.57
9. Port Angeles	17,300	1	5.8	155	8.96	436	25.15
10. Wenatchee	17,125	1	5.8	224	13.08	554	32.35
11. Mountlake Terrace	15,950	0	--	77	4.82	202	12.66
<u>10,000 to 15,000</u>							
1. Lacey	14,175	1	7.1	147	10.37	309	21.79
2. Mt. Vernon	13,625	1	7.3	128	9.39	321	23.56
3. Oak Harbor	12,250	2	16.3	72	5.87	136	11.10
4. Centralia	11,800	0	--	18	18.11	338	28.64
5. Ellensburg	11,775	0	--	75	6.36	184	15.62
6. Kelso	11,075	0	--	130	11.73	326	29.43
7. Moses Lake	10,310	0	--	101	7.79	230	20.33

Statewide Urban 2,146,863 146 6.8 25,872 12.05 53,270 24.81
(Less urban freeways) *Frequency per 100,000 **Frequency per 100,000,000

COMPARISON OF TRAFFIC COLLISIONS - NUMBER KILLED AND INJURED
BY COUNTY - 1982

County	Total Collisions		Fatal Collisions		Number Killed		Injury Collisions		Number Injured	
	Number	%	Number	%	Number	%	Number	%	Number	%
Adams	316	0.31	8	1.18	8	1.06	146	0.39	262	0.48
Asotin	287	0.29	2	0.29	3	0.40	94	0.25	128	0.23
Benton	2,404	2.39	16	2.36	20	2.64	857	2.27	1,223	2.23
Chelan	1,225	1.22	17	2.50	20	2.64	423	1.12	622	1.14
Clallam	1,022	1.02	12	1.77	13	1.72	361	0.96	550	1.00
Clark	4,061	4.04	25	3.68	27	3.57	1,483	3.92	2,079	3.79
Columbia	115	0.11	1	0.15	1	0.13	44	0.12	62	0.11
Cowlitz	1,845	1.83	10	1.47	11	1.45	688	1.82	956	1.74
Douglas	332	0.33	2	0.29	2	0.26	112	0.30	175	0.32
Ferry	148	0.15	3	0.44	3	0.40	69	0.18	84	0.15
Franklin	980	0.97	8	1.18	11	1.45	325	0.86	498	0.91
Garfield	63	0.06	0	--	0	--	22	0.06	31	0.06
Grant	855	0.85	18	2.65	18	2.38	298	0.79	465	0.85
Grays Harbor	1,578	1.57	19	2.80	19	2.51	548	1.45	834	1.52
Island	622	0.62	12	1.77	13	1.72	272	0.72	394	0.72
Jefferson	393	0.39	4	0.59	5	0.66	153	0.40	218	0.40
King	35,733	35.50	136	20.03	147	19.42	13,008	34.42	18,383	33.55
Kitsap	3,231	3.21	19	2.80	21	2.77	1,203	3.18	1,700	3.10
Kittitas	1,029	1.02	9	1.33	10	1.32	355	0.94	546	1.00
Klickitat	284	0.23	11	1.62	14	1.85	111	0.29	171	0.31
Lewis	1,279	1.27	12	1.77	15	1.98	470	1.24	694	1.27
Lincoln	169	0.17	10	1.47	10	1.32	63	0.17	100	0.18
Mason	681	0.68	6	0.88	6	0.79	282	0.75	387	0.71
Okanogan	639	0.63	15	2.21	17	2.25	243	0.64	354	0.65
Pacific	372	0.37	5	0.74	6	0.79	136	0.36	192	0.35
Pend Oreille	156	0.16	5	0.74	5	0.66	51	0.13	76	0.14
Pierce	12,408	12.33	73	10.75	80	10.57	5,044	13.35	7,632	13.93
San Juan	157	0.16	0	--	0	--	75	0.20	101	0.18
Skagit	1,678	1.67	22	3.24	27	3.57	633	1.68	922	1.68
Skamania	177	0.18	2	0.29	2	0.26	91	0.24	135	0.25
Snohomish	7,550	7.50	48	7.07	54	7.13	2,985	7.90	4,300	7.85
Spokane	7,542	7.49	46	6.77	48	6.34	3,050	8.07	4,480	8.18
Stevens	450	0.45	13	1.91	17	2.25	169	0.45	273	0.50
Thurston	2,879	2.86	18	2.65	20	2.64	1,103	2.92	1,552	2.83
Wahkiakum	81	0.08	1	0.15	1	0.13	33	0.09	50	0.09
Walla Walla	943	0.94	9	1.33	9	1.19	362	0.96	561	1.02
Whatcom	2,344	2.33	20	2.95	21	2.77	848	2.24	1,265	2.31
Whitman	627	0.62	8	1.18	11	1.45	235	0.62	357	0.65
Yakima	3,989	3.96	34	5.01	42	5.55	1,345	3.56	1,977	3.61
TOTAL	100,644	100.0%	679	100.0%	757	100.0%	37,790	100.0%	54,789	100.0%

TRAFFIC COLLISIONS PROBLEM AREAS BY COUNTY PRIORITY
1982

Rank	Total Collisions	Collisions on State Routes	Collisions on County Roads	Drinking Driver Collisions	Collisions Involving Youthful Drivers	Rank
1	Pierce	Kitsap	King	Kitsap	Pierce	1
2	King	King	Pierce	Pierce	King	2
3	Snohomish	Pierce	Kitsap	Snohomish	Snohomish	3
4	Kitsap	Snohomish	Clark	Yakima	Kitsap	4
5	Yakima	Grays Harbor	Snohomish	King	Yakima	5
6	Clark	Spokane	Thurston	Island	Clark	6
7	Spokane	Clark	Island	Whatcom	Whatcom	7
8	Whatcom	Clallam	Cowlitz	Grays Harbor	Spokane	8
9	Chelan	Island	Skagit	Skagit	Benton	9
10	Walla Walla	Skagit	Spokane	Mason	Walla Walla	10
11	Benton	Whatcom	Whatcom	Thurston	Mason	11
12	Thurston	Jefferson	San Juan	Clark	Thurston	12
13	Okanogan	Yakima	Chelan	Okanogan	Chelan	13
14	Grays Harbor	Mason	Mason	Clallam	Skagit	14
15	Franklin	Asotin	Yakima	Benton	Franklin	15
16	Skagit	Chelan	Lewis	Walla Walla	Island	16
17	San Juan	Okanogan	Okanogan	Spokane	Cowlitz	17
18	Cowlitz	Kittitas	Benton	Chelan	Grays Harbor	18
19	Island	Ferry	Grays Harbor	Ferry	San Juan	19
20	Clallam	Benton	Asotin	San Juan	Asotin	20
21	Mason	Pacific	Pacific	Asotin	Lewis	21
22	Asotin	Stevens	Clallam	Cowlitz	Okanogan	22
23	Lewis	Cowlitz	Douglas	Pacific	Clallam	23
24	Jefferson	Lewis	Ferry	Franklin	Whitman	24
25	Kittitas	Thurston	Stevens	Lewis	Kittitas	25
26	Ferry	Wahkiakum	Columbia	Stevens	Douglas	26
27	Stevens	Whitman	Klickitat	Grant	Stevens	27
28	Pacific	Skamania	Grant	Skamania	Columbia	28
29	Whitman	Grant	Walla Walla	Jefferson	Grant	29
30	Skamania	Walla Walla	Jefferson	Klickitat	Jefferson	30
31	Grant	Douglas	Kittitas	Whitman	Pacific	31
32	Douglas	Pend Oreille	Pend Oreille	Kittitas	Ferry	32
33	Columbia	Klickitat	Franklin	Wahkiakum	Adams	33
34	Pend Oreille	Franklin	Whitman	Douglas	Pend Oreille	34
35	Klickitat	Adams	Garfield	Pend Oreille	Skamania	35
36	Adams	Columbia	Skamania	Adams	Klickitat	36
37	Wahkiakum	Garfield	Adams	Columbia	Lincoln	37
38	Lincoln	Lincoln	Lincoln	Garfield	Wahkiakum	38
39	Garfield		Wahkiakum	Lincoln	Garfield	39

FOOTNOTE: The counties are ranked from 1 to 39 for total countywide experience for: collisions on state routes; collisions on county roads; drinking driver collisions and youthful driver collisions. Total collisions, miles of roadway and travel were considered for each county in the ranking. Number 1 indicates the worst problem and 39 the least.